ZiloAcademy

✨ Grade 9 Maths — Linear Relationships ✨

Name: Demo **Date:** 26/11/2026

1. For the line y = -5x + 6, what is the gradient (slope)?

2. For the line y = 5x − 5, what is the gradient (slope)?

3. For the line y = 2x − 10, what is the y-intercept?

4. For the line y = 5x − 7, what is the y-intercept?

5. Find the gradient of the line through (2, 1) and (3, 4):

6. For the line y = -4x + 0, what is the y-intercept?

7. Find the gradient of the line through (8, -3) and (9, -8):

8. For the line $y = -5x + 2$, what is the y-intercept?

9. Find the gradient of the line through $(7, -4)$ and $(9, -10)$:

10. For the line $y = 6x - 9$, what is the gradient (slope)?